

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A needleless syringe for injecting an active principle, comprising;

a propelling system including a shock wave generator device;

an application guide for applying said syringe to the skin of the subject to be treated; and

a ~~solid barrier~~, resistant barrier which ensures a good propagation of the shock wave, located entirely within the application guide, comprising an upstream face and a downstream face, said downstream face having at least one blind cavity in which the active principle is accommodated, the ~~solid~~ resistant barrier remaining at least one of fixed within the syringe ~~and or~~ trapped in the syringe without any possibility of being expelled,

wherein the shock wave generator device is in contact with the upstream face of the barrier.
2. (Previously Presented) The needleless syringe as claimed in claim 1, wherein the upstream face of the barrier is substantially plane and transverse.
3. (Previously Presented) The needleless syringe as claimed in claim 1, wherein the shock wave generator device produces a plane shock wave on the upstream face of the barrier.
4. (Currently Amended) The needleless syringe as claimed in claim 1, wherein ~~each~~ the at least one blind cavity has an opening transverse section which is greater than each transverse section of this cavity.

5. (Currently Amended) The needleless syringe as claimed in claim 1, wherein ~~each~~ the at least one blind cavity has a form of revolution about an axis parallel to the direction of propagation of the shock wave.

6. (Previously Presented) The needleless syringe as claimed in claim 1, wherein a plurality of cavities are distributed on the downstream face of the barrier.

7. (Canceled).

8. (Previously Presented) The needleless syringe as claimed in claim 1, wherein the shock wave generating device generating a shock wave on the upstream face of the barrier comprises a detonating pyrotechnic charge.

9. (Currently Amended) The needleless syringe as claimed in claim 1, wherein the length of the application guide is ~~between 1 and 8 times the diameter of the barrier and preferably between 2 and 5 times the diameter.~~ diameter of the barrier.

10. (Original) The needleless syringe as claimed in claim 9, wherein the application guide comprises a shock absorbing system.

11. (Canceled).

12 (New) The needleless syringe as claimed in claim 1, wherein the length of the application guide is between 1 and 8 times the diameter of the barrier.